

# Reid Barton

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## OBJECTIVE

To obtain a research position in a university setting with special interests in the fields of chemical, electrical, and computer engineering.

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## EXPERIENCE

2015 - 2016

**Los Gatos High School**

**Los Gatos, CA**

*Student Researcher*

Investigated the role of perovskite crystal semiconductors in solar cells. Wrote and performed chemical procedures and constructed complete devices in a high school fume hood.

2014, 2015

**New Renaissance Institute**

**Burlingame, CA**

*Summer Intern/Team Lead*

Performed research in the field of microfluidics including construction of physical and computer models to simulate microfluidic structures. Technical lead and project manager for intern group consisting of engineering college interns from University California San Diego and University California Irvine.

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## EDUCATION

2012 - 2016

**Los Gatos High School**

**Los Gatos, CA**

*June 2016*

**Grade Point Average 4.5**

Courses include Honors Biology, Advanced Placement Physics C: Mechanics, Advanced Placement Chemistry, Advanced Placement Computer Science, Advanced Science Research

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## SKILLS

Procedure Writing  
Solution Creation Including Organic Solvents  
Fume Hood Operation  
Notebook Keeping  
Java Programming

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## REFERENCES

**Cathy Messenger**

*Advanced Science Research Teacher*

cmsgenger@lgsuhsd.org • (408) 390 - 8047

**Lester Ludwig**

*CEO, New Renaissance Institute*

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